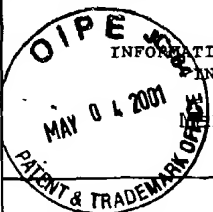
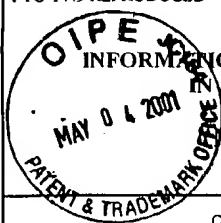



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			FILING DATE January 26, 2001		GROUP 1645		
U.S. PATENT DOCUMENTS							
EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
95	AA	5,407,821	04/18/95	Breakefield et al.	435	6	
	AB						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
95	AL	WO 97/07669	6 Mar 97	PCT			
95	AM	0 398 709	17 May 90	EP			
	AN						
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
95	AR	Augood, S. et al., "Expression of the Early-Onset Torsion Dystonia Gene (DYT1) in Human Brain," <i>Ann. Neurol.</i> 43:669-673 (May 1998).					
95	AS	Augood, S. et al., "Distribution of the mRNAs Encoding TorsinA and TorsinB in the Normal Adult Human Brain," <i>Ann. Neurol.</i> , 46:761-769 (1999)					
	AT	Breakefield, X. et al., "Linkage Analysis in a Family with Dominantly Inherited Torsion Dystonia: Exclusion of the Pro-Opiomelanocortin and Glutamic Acid Decarboxylase Genes and Other Chromosomal Regions Using DNA Polymorphisms," <i>J. Neurogenet.</i> 3:159-175 (1986).					
	AU	Breakefield, X. et al., "Early Onset Torsion Dystonia Caused by Dominant Defect in ATP-Binding Protein," <i>Society for Neuroscience Abstracts</i> 23:1962, Abstract 764.1 (1997).					
	AV	Bressman, S. et al., "Idiopathic Dystonia Among Ashkenazi Jew: Evidence for Autosomal Dominant Inheritance," <i>Ann. Neurol.</i> 26:612-620 (1989).					
	AW	Bressman, S. et al., "A Study of idiopathic torsion dystonia in a non-Jewish family: Evidence for genetic heterogeneity," <i>Neurology</i> 44:283-287 (1994).					
	AX	Bressman, S. et al., "Dystonia in Ashkenazi Jews: Clinical Characterization of a Founder Mutation," <i>Ann. Neurol.</i> 36:771-777 (1994).					
	AY	Bressman, S. et al., "Secondary dystonia and the DYT1 gene" <i>Neurology</i> 48:1571-1577 (1997).					
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
9	AR2	Dobyns, W. et al., "Rapid-onset dystonia-parkinsonism," <i>Neurology</i> 43:2596-2602 (1993).	
11	AS2	Dunbar, C., "Gene Transfer to Hematopoietic Stem Cells: Implications for Gene Therapy of Human Disease," <i>Annu. Rev. Med.</i> 47:11-20 (1996).	
12	AT2	Gasser, T. et al., "Haplotype Analysis at the DYT1 Locus in Ashkenazi Jewish Patients with Occupational Hand Dystonia," <i>Movement Disorders</i> 11:163-166 (1996).	
13	AU2	Geller, A. and Breakefield, X., "A Defective HSV-1 Vector Expresses <i>Escherichia coli</i> β -Galactosidase in Cultured Peripheral Neurons," <i>Science</i> , 241:1667-1669 (1988).	
14	AV2	Gasser, T. et al., "The Autosomal Dominant Dystonias," <i>Brain Pathology</i> 2:297-308 (1992).	
15	AW2	Holmgren, G. et al., "Adult onset idiopathic torsion dystonia is excluded from the DYT 1 region (9q34) in a Swedish family," <i>J. Neurol. Neurosurg. Psychiatry</i> 59:178-181 (1995).	
16	AX2	Inzelberg, R. et al., "A Genetic Study of Idiopathic Torsion Dystonia in Israel," <i>Neurology</i> 46(2) Suppl. A172: (1996).	
17	AY2	Klein, C. et al., "Clinical and Genetic Evaluation of a Family with a Mixed Dystonia Phenotype from South Tyrol," <i>Annals of Neurology</i> 44(3): 394-398 (1998).	
18	AZ2	Klein, C. et al., "De novo mutations (GAG deletion) in the DYT1 gene in two non-Jewish patients with early-onset dystonia," <i>Human Molecular Genetics</i> 7:1133-1136 (1998).	
19	AR3	Klein, C. et al., "A Genetic Study of 72 Patients with Idiopathic Focal Dystonia from Northern Germany," <i>Neurology</i> 50(4) Suppl. 4:A116-117 (1998).	
20	AS3	Klein, C. et al., "Search for a Founder Mutation in Idiopathic Focal Dystonia from Northern Germany," <i>Am. J. Hum. Genet.</i> 63:1777-1782 (1998).	
21	AT3	Klein, C. et al., "Genetic Analysis of Three Patients with an 18p-Syndrome and dystonia" <i>Neurology</i> , 649-651 (1999)	
22	AU3	Kramer, P. et al., "Dystonia Gene in Ashkenazi Jewish Population Is Located on Chromosome 9q32-34," <i>Ann. Neurol.</i> 27:114-120 (1990).	
23	AV3	Kramer, P. et al., "The DYT1 Gene on 9q34 Is Responsible for Most Cases of Early Limb-Onset Idiopathic Torsin Dystonia in Non-Jews," <i>Am. J. Hum. Genet.</i> 55:468-475 (1994).	
24	AW3	Kwiatkoski, D. et al., "Torsion Dystonia Genes in Two Populations Confined to a Small Region on Chromosome 9q32-34," <i>Am. J. Hum. Genet.</i> 49:366-371 (1991).	
25	AX3	Ozelius, L., Ph.D. Dissertation (Breakefield, X.O. - Advisor) "Definition of the Region of Human Chromosome 9Q Containing a Dystonia Gene," Vol. 55-08B, pp 3124, 156 pages, Harvard University (1994).	


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25	AY3	Ozelius, L. et al., "Human Gene for Torsion Dystonia Located on Chromosome 9q32-q34," <i>Neuron</i> 2:1427-1434 (1989).	
27	AZ3	Ozelius, L. et al., "Strong Allelic Association between the Torsion Dystonia Gene (DYT1) and Loci on Chromosome 9q34 in Ashkenazi Jews," <i>Am. J. Hum. Genet.</i> 50:619-628 (1992).	
28	AR4	Ozelius, L. et al., "Fine Mapping of the Human Dystonia Gene (DTY1) on 9q34 and Evaluation of a Candidate cDNA" <i>American Journal of Human Genetics</i> , 51:Suppl., (1992).	
29	AS4	Ozelius, L. et al., "Fine Localization of the Torsion Dystonia Gene (DYT1) on Human Chromosome 9q34: YAC Map and Linkage Disequilibrium," <i>Genome Res.</i> 7:483-494 (1997).	
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31	AU4	Page, C. et al., "Genetic Analysis of Three Patients with Dystonia and Deletion in Chromosome 18p," <i>Neurology</i> 50(4) Suppl. 4:A427 (1998).	
32	AV4	Pramstaller, P. et al., "Clinical and Genetic Characterization of a Family from South Tyrol (Northern Italy) with an Unusual Presentation of Dystonia," <i>Neurology</i> 50(4) Suppl. 4:A93-A94 (1998).	
33	AW4	Risch, N. et al., "Segregation Analysis of Idiopathic Torsion Dystonia in Ashkenazi Jews Suggests Autosomal Dominant Inheritance," <i>Am. J. Hum. Genet.</i> 46:533-538 (1990).	
34	AX4	Risch, N. et al., "Genetic analysis of idiopathic torsion dystonia in Ashkenazi Jews and their recent descent from a small founder population," <i>Nature Genet.</i> 9:152-159 (1995).	
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36	AZ4	Schmidt-Wolf, G. et al., "Bone Marrow and Clinical Gene Therapy," <i>J. Hematotherapy</i> 4:551-561 (1995).	
37	AR5	Shaughnessy, E. et al., "Parvoviral Vectors for the Gene Therapy of Cancer," <i>Semin. Oncology</i> 23:159-171 (1996).	
38	AS5	Zhang, W.-W. "Antisense oncogene and tumor suppressor gene therapy of cancer," <i>J. Mol. Med.</i> 74:191-204 (1996).	
EXAMINER		DATE CONSIDERED	
Juliet C Switz		11/29/04	